

**IN THE CLAIMS:**

Please cancel claims 2, 3, 13, 14, 18, 20, and 25-46, and 48-70 without prejudice.

16. (Amended) A method for clearing extra-corporeal blood or blood products from IL-6 or IL-6 receptor molecules using a peptide, peptide composition or antibody of claim 1.

19. (Amended) A method for exerting agonistic IL-6 activity at concentrations that are relatively equivalent to 7.5 to 120  $\mu\text{g/ml}$  using a peptide according to claim 7.

23. (Amended) A method for manufacturing a medicament comprising a peptide, or peptide combination for topical or intra-mammary application according to claim 1.

47. (Amended) A method for manufacturing a pharmaceutical preparation according to claim 7 for topical or intra-mammary application.

*sub E7 cont'd*

Please add the following new claims:

71. The peptide of claim 5 having at least one string of 5 consecutive amino acids long in common with the following amino acid sequence: EWGPRSTPSLTTKAVLLLVRKFQNSPAED (SEQ ID NO: 11).

72. The peptide composition of claim 9 wherein at least four peptides are linked with branching oligolysines.

73. The peptide composition of claim 10 wherein at least four peptides are linked with branching oligolysines.